

WHAT IS CLAIMED IS:

1. A image forming apparatus, comprising:  
an image bearing member to be moved  
rotationally,  
5           charging means for electrically charging said  
image bearing member and toner remaining on said image  
bearing member,  
             electrostatic latent image forming means for  
forming an electrostatic latent image on said image  
10          bearing member charged by said charging means,  
             developing means for visualizing the  
electrostatic latent image while recovering the toner  
remaining on said image bearing member,  
             toner charging means which is disposed  
15          upstream from said charging means in a rotational  
direction of said image bearing member and is to be  
supplied with a voltage of a polarity identical to  
that of a voltage to be applied to said charging means  
to electrically charge the toner remaining on said  
20          image bearing member,  
             recording means for recording an operation  
history of said image forming apparatus, and  
             control means for controlling the voltage to  
be supplied to said toner charging means on the basis  
25          of the operation history of said image forming  
apparatus recorded by said recording means.

2. An apparatus according to Claim 1, wherein  
said charging means contacts said image bearing  
member.

5       3. An apparatus according to Claim 1 or 2,  
wherein said image forming apparatus further comprises  
an electrostatic latent image erase means which is  
disposed upstream from said transfer residual toner in  
the rotational direction of said image bearing member  
10 and is to be supplied with a voltage of a polarity  
opposite from that of the voltage to be applied to  
said charging means to erase an electrostatic latent  
image history on said image bearing member, and said  
control means controls the voltages to be supplied to  
15 said toner charging means and said electrostatic  
latent image erase means on the basis of the operation  
history of said image forming apparatus recorded by  
said recording means.

20       4. An apparatus according to any one of Claims 1  
- 3, wherein said charging means is supplied with a DC  
voltage which is lower than that supplied to said  
toner charging means in terms of an absolute value.

25       5. An apparatus according to any one of Claims 1  
- 4, wherein said charging means is supplied with a DC  
voltage and comprises a brush-shaped member.

6. An apparatus according to any one of Claims 1  
- 5, wherein said developing means comprises at least  
a magnetic brush comprising a magnetic carrier and  
5 toner, said magnetic brush contacting said image  
bearing member.

7. An apparatus according to Claim 6, wherein  
the rotational direction of said image bearing member  
10 at its surface is different from that of a developer  
bearing member for bearing the magnetic brush.

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